

**ABSTRACT****MANAGING A REMOTE SUB-SYSTEM PROCESSOR'S IP ADDRESS**

**[0029]** A method and system for providing an address of a remote management processor to a management server. When setting up a Dynamic Host Configuration Protocol (DHCP) server, an administrator configures a private Option in the DHCP server . The Option data contains the IP address of the management server designated to use the remote management processor. When the remote management processor powers up, it sends a request for an IP address to the DHCP server, which returns both the requested IP address as well as the Option data. Firmware in the management processor is capable of reading and interpreting the Option data, and sends the management server, plus any other configured destinations, the IP address of the remote management processor in an Alert packet The management server is thus notified that the remote management processor is on-line and available to manage the remote hardware server for the management server.